

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(Masato and Machida and Kumamoto) and electrode.clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/25 10:32
L2	24	(Shiro and Yamauchi,) and electrode.clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/25 10:34
L3	36	(Minoru and Kimura) and electrode.clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/25 10:35
L4	2	(Shigeru and Yamaji) and electrode.clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/25 10:35
L5	1077	204/252.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/25 10:37
S1	13	("2315695" "2516105" "3334210" "4839005" "5098533" "5244534" "5300155" "5344539" "5562529" "5567300" "5575885" "5618381" "5624300").PN.	US-PGPUB; USPAT	ADJ	ON	2007/06/07 13:17
S2	37	("09651779" "5676587" "5681423" "5780358" "5807165" "5840629" "5843818" "5846398" "5863307" "5888866" "5897375" "5911619" "5930699" "5934980" "5952687" "5954975" "5954997" "5972792" "5993637" "6001730" "6007695" "6010964" "6024856" "6033953" "6039633" "6046099" "6051496" "6060386" "6060395" "6063306" "6066030" "6066559" "6068787" "6083840" "6100197" "6103096" "6103628" "6103636").PN.	US-PGPUB; USPAT	ADJ	ON	2007/06/07 13:17
S3	9	("20020115283" "20040192052" "5162248" "6176992" "6395607" "6504247" "6753250" "6780772" "6881664").PN.	US-PGPUB; USPAT	ADJ	ON	2007/06/07 13:17
S4	1	("20030064669").PN.	US-PGPUB; USPAT	ADJ	ON	2007/06/07 13:18
S5	11	("20040259479" "20050133379" "20050173260" "20050178743" "3239439" "6416647" "6693036" "6848970" "6852630" "6867136" "6893328").PN.	US-PGPUB; USPAT	ADJ	ON	2007/06/07 13:18
S6	2	("6722950" "6846227").PN.	US-PGPUB; USPAT	ADJ	ON	2007/06/07 13:18

## EAST Search History

S7	73	S1 or S2 or S3 or S4 or S5 or S6	US-PGPUB; USPAT	ADJ	ON	2007/06/07 13:18
S8	41	S7 and (colloid or abrasive)	US-PGPUB; USPAT	ADJ	ON	2007/06/07 13:25
S9	51216	(nitrogen near dioxide) or (nitrogen near oxide) or (NOX)	US-PGPUB; USPAT	ADJ	ON	2007/07/23 13:53
S10	9760	proton conductor or PEM or hydrogen conductor or H+ conductor or proton exchange membrane	US-PGPUB; USPAT	ADJ	ON	2007/07/23 13:53
S11	432	S10 and S9	US-PGPUB; USPAT	ADJ	ON	2007/07/24 09:46
S12	2	("4253925").PN. OR ("5352337"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/23 14:57
S13	10	("5023063"   "5176809"   "5352337"   "5399251").PN. OR ("5658449").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/23 14:57
S14	4	("3950944"   "4738760"   "5409591"   "5658449").PN. OR ("6015483").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/23 15:06
S15	1076	204/252.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/23 15:06
S16	49	S15 and S9	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/23 15:06
S17	50	(tetsuro and kobayashi).in.	US-PGPUB; USPAT	ADJ	ON	2007/07/23 16:16
S18	51246	(nitrogen near dioxide) or (nitrogen near oxide) or (NOX)	US-PGPUB; USPAT	ADJ	ON	2007/07/24 09:46
S19	9766	proton conductor or PEM or hydrogen conductor or H+ conductor or proton exchange membrane	US-PGPUB; USPAT	ADJ	ON	2007/07/24 09:46
S20	433	S19 and S18	US-PGPUB; USPAT	ADJ	ON	2007/07/24 09:46
S21	170	S20 and sensor	US-PGPUB; USPAT	ADJ	ON	2007/07/24 09:46
S22	5	(US-5352337-\$ or US-5813222-\$ or US-6015483-\$ or US-5658449-\$ or US-5409591-\$).did.	USPAT	ADJ	ON	2007/07/24 10:06
S23	1	S22 and sensor	USPAT	ADJ	ON	2007/07/24 10:06

## EAST Search History

S24	43	("3514377"   "3860498"   "3989614"   "4044601"   "4135381"   "4151503"   "4172770"   "4190499"   "4272331"   "4292158"   "4298573"   "4300991"   "4305724"   "4306957"   "4314996"   "4345985"   "4487680"   "4522690"   "4570479"   "4572900"   "4792433"   "4832818"   "4909072"   "4990235"   "5012671"   "5034107"   "5034112"   "5120422"   "5145566"   "5173166"   "5217588"   "5226309"   "5273628"   "5279145"   "5397442"   "5409591").PN. OR ("6051123").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/24 15:33
S25	1	10/511679.app. and acidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/24 17:37
S26	0	07-246318	US-PGPUB; USPAT; USOCR; JPO	ADJ	ON	2007/07/24 15:58
S27	2	"07246318"	US-PGPUB; USPAT; USOCR; JPO	ADJ	ON	2007/07/24 15:58
S28	1	10/511679.app. and energization	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/25 10:30